



Snohomish County

Planning and Development Services

Robert J. Drewel
County Executive

TO: Randy Sleight
FROM: Craig Odegaard/Jackie Ballard
DATE: October 15, 2003
SUBJECT: Noise Level Readings, BPA Complaints

M/S #604
3000 Rockefeller Avenue
Everett, WA 98201-4046
(425) 388-3311
FAX (425) 388-3872
www.co.snohomish.wa.us

On October 1st and 2nd, PDS took noise level readings at the following addresses:

<u>Date</u>	<u>Time</u>	<u>A scale reading</u>	<u>Site address</u>	<u>Resident</u>
10/1/03	14:40	44.9	20930 121 st Ave SE	Layne Langston
10/2/03	09:10	40.8	20731 121 st Ave SE	Derrick Drake
10/2/03	09:50	46.5	10721 210 th St SE	Dwight Weiland
10/2/03	10:30	45.2	20903 Welch Rd	Mark McLean
10/2/03	10:40	44.5	20928 Welch Rd	
10/2/03	11:27	42.4	20701 150 th Ave SE	Beth Cachat
10/2/03	11:55	49.4	15310 210 th St SE	Les Gilbert
10/2/03	12:12	49.9	21412 167 th Ave SE	Brett & Lisa Smith
10/2/03	12:25	52.2	21410 164 th Dr SE	Forney
10/2/03	12:32	45.1	21409 164 th Dr SE	Shirley Smith

There is an error factor of +/- 2 and no attempt was made to subtract background noise, which would reduce the dB reading even further.

We also conducted an octave band analysis for each site. The highest readings we obtained were at the 125 Hz level, ranging from 35.6 to 56.6. Per Eric Zwerling, Director of the Rutgers Noise Technical Assistance Center, you must subtract 16.1 to convert these linear readings to A scale. Consequently, no readings exceeded the 49 dB maximum allowed by SCC.

Based on these findings, we at this time find no enforceable noise violation due to the BPA power line voltage increase.

Cc: Ed Hardesty